

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	09/622939	US- PGPUB; USPAT	OR	ON	2007/12/04 13:55
L2	0	"1999906467"	EPO	OR	ON	2007/12/04 13:57
L3	0	"06467"	EPO	OR	ON	2007/12/04 13:57
L4	1480897	composition for polishing a semiconductor	EPO	OR	ON	2007/12/04 13:57
L5	0	composition for polishing a semiconductor	EPO	ADJ	ON	2007/12/04 13:57
L6	0	kido.in. semiconductor	EPO	ADJ	ON	2007/12/04 13:57
L7	13	kido.in. semiconductor	EPO	AND	ON	2007/12/04 13:58
L9	339	438/693.cds. and (ceria or cerium)	USPAT	OR	ON	2007/12/04 15:48
S1	0	("ceria slurry and abrasive and polymeric").PN.	US- PGPUB; USPAT	OR	OFF	2007/08/27 08:21
S2	0	ceria adj slurry and abrasive adj article and polymeric and monomer	US- PGPUB; USPAT	OR	ON	2007/08/27 08:21
S3	8	ceria adj slurry and abrasive adj article and polymeric and monomer	US- PGPUB; USPAT	OR	ON	2007/08/27 08:22

S4	10	ceria adj slurry and abrasive adj article	US- PGPUB; USPAT	OR	ON	2007/08/27 08:25
S5	150	ceria adj slurry and cmp	US- PGPUB; USPAT	OR	ON	2007/08/27 08:27
S6	370335	ceria adj slurry and cmp copolymer	US- PGPUB; USPAT	OR	ON	2007/08/27 08:27
S7	21	ceria adj slurry and cmp and \copolymer	US- PGPUB; USPAT	OR	ON	2007/08/27 08:27
S8	21	ceria adj slurry and cmp and copolymer	US- PGPUB; USPAT	OR	ON	2007/08/27 08:35
S9	7	ceria adj slurry and (polyacrylic adj acid or PAA or alkyl adj methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide)	US- PGPUB; USPAT	OR	ON	2007/08/27 09:17
S10	17	ceria adj slurry and (polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide)	US- PGPUB; USPAT	OR	ON	2007/08/27 09:34
S11	62648	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide)	US- PGPUB; USPAT	OR	ON	2007/08/27 09:34
S12	47000	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and copolymer and monomer	US- PGPUB; USPAT	OR	ON	2007/08/27 09:34
S13	45504	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide	US- PGPUB; USPAT	OR	ON	2007/08/27 09:35

S14	3646	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria)	US- PGPUB; USPAT	OR	ON	2007/08/27 09:36
S15	985	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria) and slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 14:57
S16	20	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria) adj slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 16:12
S17	20	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and (cerium or ceria) adj slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 16:12
S18	13101	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 16:12

S19	7076	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry and (ceria or silica)	US- PGPUB; USPAT	OR	ON	2007/08/27 16:13
S20	1032	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry and ceria and copolymer	US- PGPUB; USPAT	OR	ON	2007/08/27 16:13
S21	466	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry and ceria and copolymer and abrasive	US- PGPUB; USPAT	OR	ON	2007/08/27 16:14
S22	214698	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and ceria slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 16:14

S23	20	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and ceria adj slurry	US- PGPUB; USPAT	OR	ON	2007/08/27 16:15
S24	4	(US-20040235396-\$ or US-20050076581-\$).did. or (US-6824579-\$ or US-5352277-\$).did.	US- PGPUB; USPAT	OR	ON	2007/09/05 10:41
S25	4	(US-20040235396-\$ or US-20050076581-\$).did. or (US-6824579-\$ or US-5352277-\$).did. and maleic	US- PGPUB; USPAT	OR	ON	2007/09/05 10:46
S26	4	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic	US- PGPUB; USPAT	OR	ON	2007/09/05 10:55
S27	0	("2005/0076581").URPN.	USPAT	OR	ON	2007/09/05 10:52
S28	9	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or 2003/0124959	US- PGPUB; USPAT	OR	ON	2007/09/05 10:56
S29	9	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or 2003/0124959 or (method adj for adj copper adj cmp adj using)	US- PGPUB; USPAT	OR	ON	2007/09/05 10:57
S30	4	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or (method adj for adj copper adj cmp adj using)	US- PGPUB; USPAT	OR	ON	2007/09/05 10:57
S31	4228	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or schroeder.in.	US- PGPUB; USPAT	OR	ON	2007/09/05 10:57
S32	12	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or schroeder.in. and carter.in.	US- PGPUB; USPAT	OR	ON	2007/09/05 10:58

S33	12	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or (schroeder.in. and carter.in.)	US-PGPUB; USPAT	OR	ON	2007/09/05 11:13
S34	13	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or (schroeder.in. and carter.in.) or "6132637".pn.	US-PGPUB; USPAT	OR	ON	2007/09/05 11:18
S35	14	(US-20040235396-\$ or US-20050076581-\$ or US-6824579-\$ or US-5352277-\$).did. and maleic or (schroeder.in. and carter.in.) or ("6132637" or "6561876").pn.	US-PGPUB; USPAT	OR	ON	2007/09/05 11:19
S36	18	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) SAME (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria) adj slurry	US-PGPUB; USPAT	OR	ON	2007/10/25 15:05
S37	315454	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) SAME2 (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria) adj slurry	US-PGPUB; USPAT	OR	ON	2007/10/25 16:10
S38	20	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and oxide and (cerium or ceria) adj slurry	US-PGPUB; USPAT	OR	ON	2007/10/25 16:10

S39	28	"6375545"	US- PGPUB; USPAT	OR	ON	2007/10/25 16:32
S40	99167	search and compositions	US- PGPUB; USPAT	OR	ON	2007/10/25 16:43
S41	81408	search and compositions and range	US- PGPUB; USPAT	OR	ON	2007/10/25 16:44
S43	8993	search and compositions and range and database and input and output	US- PGPUB; USPAT	OR	ON	2007/10/25 16:44
S44	118	search and compositions and range and database and input and output and patentability	US- PGPUB; USPAT	OR	ON	2007/10/25 16:45
S45	20	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and ceria adj slurry	US- PGPUB; USPAT	OR	ON	2007/10/29 10:16
S46	12	(US-20040235396-\$ or US-20050076581-\$ or US-20030082998-\$ or US-20030124959-\$ or US-20030228763-\$).did. or (US-6824579-\$ or US-5352277-\$ or US-6821897-\$ or US-6561876-\$ or US-6612911-\$ or US-6936543-\$ or US-5876268-\$).did.	US- PGPUB; USPAT	OR	ON	2007/11/27 08:04
S47	9	S46 and (polyacrylic or alkyl adj methacrylate)	US- PGPUB; USPAT	OR	ON	2007/11/27 08:05
S48	6	S47 and (acrylamide methacrylamide ethyl-methacrylamide vinylpyridine vinylpyrrolidone)	US- PGPUB; USPAT	OR	ON	2007/11/27 08:06

S49	8	S46 and ceria.clm.	US- PGPUB; USPAT	OR	ON	2007/11/27 09:16
S51	3	S46 and polymethacrylic adj acid	US- PGPUB; USPAT	OR	ON	2007/11/27 09:31
S52	0	S46 and ammonium adj polymethacrylate	US- PGPUB; USPAT	OR	ON	2007/11/27 09:34
S53	3	S46 and polycarboxylate	US- PGPUB; USPAT	OR	ON	2007/11/27 09:34
S54	1	"6,514,821".did.	US- PGPUB; USPAT	OR	ON	2007/11/27 09:35
S55	1	10/550804	US- PGPUB; USPAT	OR	ON	2007/11/27 10:21
S56	0	("2006/0207188").URPN.	USPAT	OR	ON	2007/11/27 10:22
S57	32	"6221118" "6420269"	USPAT	OR	ON	2007/11/27 10:23
S58	25	"6221118" "6420269" and complexing	USPAT	OR	ON	2007/11/27 10:52
S59	3	("6221118" "6420269") and complexing	USPAT	OR	ON	2007/11/27 10:52
S60	247	"438".clas. and complexing and surfactant	USPAT	OR	ON	2007/11/27 10:58
S61	292	("438" or "51").clas. and complexing and surfactant	USPAT	OR	ON	2007/11/27 10:59
S62	133	("438" or "51").clas. and complexing and surfactant and ceria	USPAT	OR	ON	2007/11/27 11:02



S63	213	("438" or "51").clas. and (complexing or chelating) and surfactant and ceria	USPAT	OR	ON	2007/11/27 11:02
S64	13	("438" or "51").clas. and (complexing or chelating) and surfactant and ceria and (polycarboxylate or carboxyle adj acryl or carboxyleacryl or polymethacrylate)	USPAT	OR	ON	2007/11/27 11:22
S65	13463	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry	US- PGPUB; USPAT	OR	ON	2007/11/27 11:27
S66	180	("438" or "51").clas. and S65	USPAT	OR	ON	2007/11/27 11:27
S67	139	S66 and ceria	USPAT	OR	ON	2007/11/27 11:29
S68	0	S66 and "ceria.clm"	USPAT	OR	ON	2007/11/27 11:30
S69	10	S66 and ceria.ab.	USPAT	OR	ON	2007/11/27 11:30
S70	10	S66 and (ceria or cerium).clm..ab.	USPAT	OR	ON	2007/11/27 11:30
S71	504	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry AND (chemical adj mechanical or cmp)	US- PGPUB; USPAT	OR	ON	2007/11/27 11:45

S72	101	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry AND (chemical adj mechanical or cmp).ab..ti.	US- PGPUB; USPAT	OR	ON	2007/11/27 11:46
S73	1	S72 and (ceria or cerium adj oxide).ab..ti.	US- PGPUB; USPAT	OR	ON	2007/11/27 11:57
S74	13463	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry	US- PGPUB; USPAT	OR	ON	2007/11/27 11:57
S75	504	(polyacrylic adj acid or PAA or alkyl adj methacrylate or acrylic adj acid or methyl adj methacrylate or butyl adj methacrylate or ethyl adj methacrylate or propyl adj methacrylate or pentyl adj methacrylate or hexyl adj methacrylate or octyl methacrylate) and (vinylpyridine or vinylpyrrolidone or acrylamide or methacrylamide or ethylmethacrylamide) and slurry AND (chemical adj mechanical or cmp)	US- PGPUB; USPAT	OR	ON	2007/11/27 11:58
S76	1	S74 and (ceria or cerium adj oxide).ab..ti.	US- PGPUB; USPAT	OR	ON	2007/11/27 11:58
S77	1	S75 and (ceria or cerium adj oxide).ab..ti.	US- PGPUB; USPAT	OR	ON	2007/11/27 11:58
S78	1231	S74 and (ceria or cerium adj oxide)	US- PGPUB; USPAT	OR	ON	2007/11/27 11:58

S79	0	kr2001-0108048	US- PGPUB; USPAT	OR	ON	2007/11/29 14:08
S80	5	"09856491"	US- PGPUB; USPAT	OR	ON	2007/11/29 14:36
S81	8	"6783434"	US- PGPUB; USPAT	OR	ON	2007/11/29 14:39
S82	7	("5759917"   "6176763"   "6221118"   "6319095"   "6478836").PN. OR ("6783434").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2007/12/03 09:22
S83	10	US-6420269-\$.D.ID. OR US-6221118-\$.D.ID. OR US- 6343976-\$.D.ID. OR US-6615499-\$.D.ID. OR US- 5772780-\$.D.ID. OR US-6043155-\$.D.ID. OR US- 6436835-\$.D.ID. OR US-6410444-\$.D.ID. OR US- 6478836-\$.D.ID. OR US-6387139-\$.D.ID.	US- PGPUB; USPAT	OR	ON	2007/12/03 11:04

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